WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Sunday, September 25, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L12	Ford-William$.in. or Yasuda-Akio$.in.	176
☐	L11	L10 not l8	0
☐	L10	Ford-William$.in. and Yasuda-Akio$.in.	12
☐	L9	Ford-William?.in. and Yasuda-Akio.in.	0
☐	L8	Wessels-Jurina$.in.	18
☐	L7	Wessels-J$.in.	57
☐	L6	dimercaptoacetamidooctane or dithiocarbamatobenzene or dithiocarbamatocyclohexane	1
☐	L5	dimercaptoacetamidocyclohexane	1
☐	L4	dimercaptoacetamidobenzene	1
☐	L3	dimercaptoacetamido adj3 anthraquinone	1
☐	L2	dimercaptoaceamidocyclohexane	0
☐	L1	dimercaptoaceamidobenzene	0

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International!   Enter x:x

LOGINID:SSSPTA1639MLS

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   JUL 20 Powerful new interactive analysis and visualization software,
                  STN AnaVist, now available
NEWS 4   AUG 11 STN AnaVist workshops to be held in North America
NEWS 5   AUG 30 CA/CAplus -Increased access to 19th century research documents
NEWS 6   AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 7   SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8   SEP 22 MATHDI to be removed from STN

NEWS EXPRESS   JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
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  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

*FEDRIP   - Federal Research in Progress Database

  * The files listed above are temporarily unavailable.

FILE 'HOME' ENTERED AT 17:52:19 ON 25 SEP 2005

=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
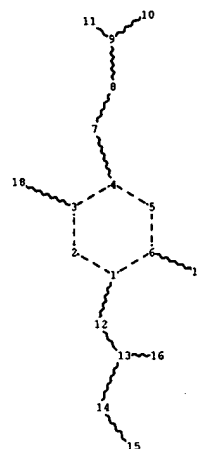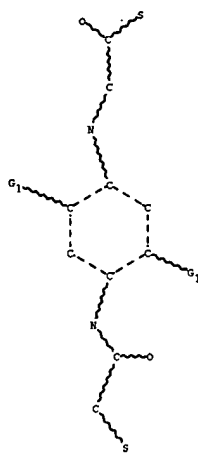FULL ESTIMATED COST   0.42   0.42

FILE 'REGISTRY' ENTERED AT 17:53:11 ON 25 SEP 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

chain nodes :
    7   8   9   10   11   12   13   14   15   16   17   18
ring nodes :
    1   2   3   4   5   6
chain bonds :
    1-12   3-18   4-7   6-17   7-8   8-9   9-10   9-11   12-13   13-14   13-16   14-15
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
exact/norm bonds :
    1-2   1-6   1-12   2-3   3-4   3-18   4-5   4-7   5-6   6-17   7-8   9-10   9-11   12-13
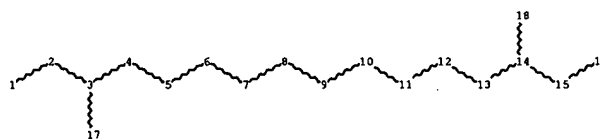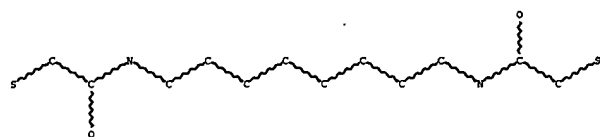   13-16   14-15
exact bonds :
    8-9   13-14

G1:Cl,Ak

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS
    10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS
    18:CLASS

chain nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

chain bonds :
    1-2 2-3 3-4 3-17 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14
    14-15 14-18 15-16

exact/norm bonds :
    1-2 3-4 3-17 4-5 12-13 13-14 14-18 15-16

exact bonds :
    2-3 5-6 6-7 7-8 8-9 9-10 10-11 11-12 14-15

Match level :
    1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS7:CLASS8:CLASS9:CLASS
    10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS
    18:CLASS

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 SEP 2005   HIGHEST RN 863870-12-6
DICTIONARY FILE UPDATES: 23 SEP 2005   HIGHEST RN 863870-12-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

****
*   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now   *
* available and contains the CA role and document type information. *
*   *
****

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10006636B1.str

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

Structure diagram not available for display

Structure attributes must be viewed using STN Express query preparation.

=> l1 sss sam
SAMPLE SEARCH INITIATED 17:53:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   1 TO ITERATE

100.0% PROCESSED   1 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                         BATCH   **COMPLETE**
PROJECTED ITERATIONS: 1 TO   80
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\10006636B2.str

L3   STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3   STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> l3 sss sam
SAMPLE SEARCH INITIATED 17:55:20 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   200 TO ITERATE

100.0% PROCESSED   200 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 3152 TO   4848
PROJECTED ANSWERS: 0 TO   0

L4   0 SEA SSS SAM L3

=> l1 exa sam
STRUCTURES CONTAINING VARIABLE NODES NOT VALID IN EXACT OR FAMILY SEARCH
You have requested a full structure (EXA or FAM) search on a
structure containing one of the special variable-atom symbols
A, M, Q, or X, or a variable group G. Only bond variability
is allowed in structures for EXA or FAM searches. Variable
nodes are never permitted.

=> l3 exa sam
SAMPLE SEARCH INITIATED 17:55:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   0 TO ITERATE

100.0% PROCESSED   0 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 0 TO   0
PROJECTED ANSWERS: 0 TO   0

L5   0 SEA EXA SAM L3

=> l3 sss full
FULL SEARCH INITIATED 17:56:56 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   4460 TO ITERATE

100.0% PROCESSED   4460 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.01

L6   2 SEA SSS FUL L3

=> fil caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                    ENTRY   SESSION
FULL ESTIMATED COST   163.91   164.33

FILE 'CAPLUS' ENTERED AT 17:57:10 ON 25 SEP 2005
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=> 16
L7   1 L6

=> d fbib abs hitstr

L7   ANSWER 1 OF 1 CAPLUS   COPYRIGHT 2005 ACS on STN
AN   2000:859343 CAPLUS
DN   134:88704
TI   Electrochemical behavior of polyamides with cyclic disulfide structure and
      their application to positive active material for lithium secondary
      battery
AU   Tsutsumi, Hiromori; Oyari, Yoshiaki; Onimura, Kenjiro; Oishi, Tsutomu
CS   Department of Applied Chemistry and Chemical Engineering, Yamaguchi
      University, Ube, 755-8611, Japan
SO   Journal of Power Sources (2001), 92(1-2), 228-233
      CODEN: JPSODZ; ISSN: 0378-7753
PB   Elsevier Science S.A.
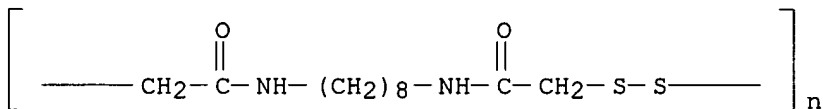DT   Journal
LA   English
AB   Polyamides (DTA-I, DTA-II, and DTA-III) containing cyclic disulfide structure
      were prepared by condensation between 1,2-dithiane-3,6-dicarboxylic acid
      (DTA) and alkyl diamine, NH2-(CH2)n-NH2 (DTA-I; n=4, DTA-II; n=6, DTA-III;
      n=8) and their application to pos. active material for lithium secondary
      batteries was investigated. Cyclic voltammetry (CV) measurements under
      slow sweep rate (0.5 mV/s) with a carbon paste electrode containing the
      polyamide (DTA-I, DTA-II, or DTA-III) were performed. The results
      indicated that the polyamides were electroactive in the organic electrolyte
      solution (propylene carbonate (PC)-1,2-dimethoxyethane (DME), 1:1 by volume
      containing lithium salt, such as LiClO4). The responses based on the redox of
      the disulfide bonds in the polyamide were observed Test cells, Li/PC-DME
      (1:1 by volume) with 1 mol dm-3 LiClO4/the polyamide cathode, were
      constructed and their performance was tested under constant current
      charge/discharge condition. The average capacity of the test cells with the
      DTA-III cathode was 64.3 Ah/kg of cathode (135 Wh/kg of cathode, capacity
      (Ah/kg) of the cathode+average cell voltage (2.10 V)). Performance of
      the cell with linear polyamide containing disulfide bond (-CO-(CH2)2-S-S-
      (CH2)2-CONH-(CH2)8- NH-, GTA-III) was also investigated and the average
      capacity was 56.8 Ah/kg of cathode (100 Wh/kg of cathode, capacity (Ah/kg)
      of the cathode+average cell voltage (1.76 V)). Cycle efficiency of the
      test cell with the DTA-III cathode was higher than that with the GTA-III
      cathode.

IT   **316807-25-7**
       RL: DEV (Device component use); USES (Uses)
           (electrochem. behavior of polyamides with cyclic disulfide structure
           and their application as cathode material for lithium secondary
           battery)
RN   316807-25-7 CAPLUS
CN   Poly[dithio(2-oxo-1,2-ethanediyl)imino-1,8-octanediylimino(1-oxo-1,2-
       ethanediyl)] (9CI)   (CA INDEX NAME)

$$\left[-\!\!\!\!-\!\!\!\!- CH_2-\overset{\overset{O}{\|}}{C}-NH-(CH_2)_8-NH-\overset{\overset{O}{\|}}{C}-CH_2-S-S-\!\!\!\!-\!\!\!\!- \right]_n$$

RE.CNT 16   THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
FULL ESTIMATED COST   5.39   169.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
CA SUBSCRIBER PRICE   -0.73   -0.73

FILE 'STNGUIDE' ENTERED AT 17:57:50 ON 25 SEP 2005
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 23, 2005 (20050923/UP).

=> logoff y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
FULL ESTIMATED COST   0.24   169.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
CA SUBSCRIBER PRICE   0.00   -0.73

STN INTERNATIONAL LOGOFF AT 18:00:02 ON 25 SEP 2005